



Department of Energy

Idaho Operations Office
850 Energy Drive
Idaho Falls, Idaho 83401-1563

June 28, 2001

Mr. Wayne Pierre, Team Leader
Environmental Cleanup Office
U.S. Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, Washington 98101

Mr. Dean Nygard, Site Remediation Program Manager
Idaho Department of Environmental Quality
Waste Management and Remediation Program
1410 N. Hilton
Boise, Idaho 83706

SUBJECT: Transmittal of the Draft Final ICDF Title II Design Package - (EM-ER-01-112)

Dear Mr. Pierre and Mr. Nygard:

Enclosed is the *Draft Final ICDF Title II Design Package*. Contained in this document are the engineering calculations, specifications, drawings along with the necessary to plans (construction quality assurance, waste management, etc.) for the early excavation of the landfill and evaporation ponds. Also, this design package contains the necessary documents for constructing and evaluating the test pad for the clay liner materials prior to completion of the Remedial Design/Remedial Action Work Plan. These design packages are for a landfill with a volume of 510,000 yds³.

The enclosed design package (contents listed below) is being submitted to meet the requirements of the Federal Facility Agreement and Consent Order (FFA/CO).

ICDF — Title II Design Package Volume 1

- INEEL CERCLA Disposal Facility Final Design Excavation and Test Pad - Master Table of Documents (Draft Title II), DOE/ID-10854
- INEEL CERCLA Disposal Facility Construction Quality Assurance Plan for Excavation and Constructing and Testing of Clay Liner and Test Pad, DOE/ID-1084
- INEEL CERCLA Disposal Facility Construction Waste Management Plan, DOE/ID-10855
- Air Space Volume Calculations, EDF-ER-265
- Storm Water Drainage Calculations, EDF-ER-270
- Soil Amendment Study, EDF-ER-272
- Storm Water Pollution Prevention Plan (Construction), Form 450.16
- Technical Specifications for the NEEL CERCLA Disposal Facility Landfill and Evaporation Pond, SPC-1475
- Health and Safety Plan for Construction of the INEEL CERCLA Disposal Facility and Evaporation Pond, INEEL/EXT-2000-1424

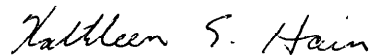
Volume 2

- INEEL CERCLA Disposal Facility Excavation and Test Pad – Drawings (Draft Title II)

Comments received from the EPA and IDHW on the Draft ICDF Title II Design Package have been addressed and incorporated. The comments along with the responses are also included with this Draft Final ICDF Title II Design Package. In order to expedite Draft Final Title II Design Package comment resolution and incorporation, review comments should be provided in an electronic format. By using an electronic copy transfer, an increase in the efficiency of comment resolution and subsequent incorporation is expected.

In keeping with the FFA/CO document review schedule, comments on this Draft Final ICDF Title II Design Package are scheduled to be received from the EPA and IDHW 15 days after submittal of this document (July 13, 2001). Prior to finalization of the ICDF Title II Design Package, conference calls will be held to resolve any comments received on the Draft Final ICDF Title II Design Package. Finalization of the ICDF Title II Design Package will take place following the conference calls, approximately 30 days after submittal of this document. If you have any questions, please call Talley Jenkins at (208) 526-4978 or myself at (208) 526-4392.

Sincerely,



Kathleen E. Hain, Manager
Environmental Restoration Program

Enclosure

cc: M. English, IDEQ, Technical Services Group, 1410 N. Hilton, Boise, Idaho 83706 (4)
D. Romankowski, Encore Environmental Inc., 4389 South 500 West, Suite B, Salt Lake City, UT 84123
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R. Hasemeier, Gannett Fleming Inc., 207 Senate Ave., Camp Hill, PA 17011
T. Kluk, DOE-HQ, EM-441 w/o enc.
R. Cummings, DOE-HQ, EM-441 (2)

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CONCURRENCE:

EM _____

RECORD NOTES:

1. This letter was prepared to transmit Draft Final ICDF Title II Design Package to the State and EPA. This design package is the information and design necessary to excavate the landfill site, construct the banks and berms, and to construct and test the barrier admixture soil test pad for the ICDF landfill and evaporation ponds.
2. This letter was prepared based on discussions between T. Jenkins and K. Hain (EM/ER). TWJ 6/26/01
3. This letter/memo closes OATS number N/A.
4. The attached correspondence has no relation to the Naval Nuclear Propulsion Program. Naval Reactors concurrence is not required.

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INITIAL mmn DATE 7/18/01